Data Understanding and Preparation

Introduction

Explain which original datasets we have, attributes description, number of variables, number of observations...

Data Exploratory Analysis

Maybe some plots here about the distribution of some of the variables... we'll see. I suggest to follow the same points than in the homework scripts.

Preprocessing

Loading the datasets.

```
# Load individual datasets
white <- read_delim("../data/raw/winequality-white.csv",";", escape_double = FALSE, trim_ws = TRUE)
red <- read_delim("../data/raw/winequality-red.csv",";", escape_double = FALSE, trim_ws = TRUE)</pre>
```

Prepare the dataset in order to create a new dataset

Remove missing values and shuffle the dataset.

```
# Remove missing values.
df <- df[complete.cases(df), ] # two entries.

# Shuffle dataset.
df <- df[sample(nrow(df)),]

# Write dataset into csv file.
write.table(df, file="../data/processed/wines.csv", sep=";", col.names = TRUE, row.names = FALSE)</pre>
```